

INFANT AND MATERNAL MORTALITY

INTRODUCTION

Purpose of Infant Mortality and Maternal Mortality Surveillance

The rate of infant deaths, i.e., deaths to babies between birth and 1 year of age, is a basic measure of the health of a population. High infant mortality rates reflect unmet medical care needs and unfavorable environmental, economic, nutritional, educational, and sanitation conditions. Infant mortality surveillance is used to identify factors that place infants at high risk of death, so medical, social, and economic interventions to reduce risk can be targeted effectively.

An increased risk of infant death is related to a number of factors, including extremes in maternal age at birth (under 19 or over 40 years), fewer than 2 years between births, birth under conditions of poor maternal health or poor nutrition, and use of chemical toxins such as alcohol, drugs, and cigarettes during pregnancy. Many of these factors are also associated with low birthweight. After the first month of life, poor infant nutrition, poor hygiene, and infectious diseases all increase the risk of infant mortality.

Maternal mortality is defined as deaths from puerperal causes, i.e., complications of pregnancy, childbirth, and the period after childbirth. These deaths can be related to previously existing maternal health problems, or they can occur from acute conditions arising during pregnancy, labor, or delivery. Such deaths are influenced not only by access to and adequacy of a woman's obstetric care, but also by her age, nutritional status, and socioeconomic level. Comparisons of maternal mortality rates among populations help to identify pregnant women at risk of dying from complications of pregnancy or childbirth, so proactive measures (e.g., educational, nutritional, etc.) can be taken to minimize the risk.

Source of Data: Death Certificates

Infant mortality information presented in this report is gathered from data recorded on the *Certificate of Death* for deaths that occurred to infants born to Louisiana residents during the 2000 calendar year. Maternal mortality data are also collected from the *Certificate of Death*. Data are recorded on death certificates by funeral directors, who solicit demographic information from available next of kin, and by physicians or coroners, who record information on time, place, and cause of death. Louisiana law requires that funeral directors send death certificates to the Vital Records Registry within five days of occurrence, and that the identities of persons included in the death registry be kept confidential.

Death statistics are compiled in accordance with World Health Organization (WHO) regulations, which require member nations to classify causes of death according to the revision of the International Statistical Classification of Diseases in effect at the time of death. Deaths that occurred in 2000 are coded in accordance with the tenth revision (ICD-10). All of the causes of death described in this report are *underlying causes of death*, defined as the disease or injury that initiated the sequence of events leading to death. Secondary causes of death, which also are recorded on the death certificate, are not presented in this report.

MATERNAL MORTALITY COUNTS AND RATES

In the year 2000, there were 5 maternal deaths in Louisiana. Of these 4 women were black. Louisiana maternal mortality rate for 2000 was 7.4 deaths per 100,000 live births. Between 1990 and 2000, 73 women died from pregnancy and

childbearing-related causes (Table MM1). The ten year maternal mortality rate is 9.7. Racial disparities are evident as black mothers are more likely to die of pregnancy related causes than white mothers. Care must be taken when comparing maternal mortality rates from year to year, because of substantial fluctuation in these rates due to the small number of deaths. For causes of maternal death, please refer to Table D11 in the death chapter of this report.

Table MM1. Number and Rates of Maternal Deaths by Race and Age Louisiana, 1990-2000

							N	umber c	of Mate	ernal	Death b	y Age G	roup					
	All F	Races				White	;							Black	(
Year	Rate⁺	Number	15-19	20-24	25-29	30-34	35-39	40-44	45 +	All	15-19	20-24	25-29	30-34	35-39	40-44	45+	All
1990	11.1	8	0	****	0	****	0		0	****	0	****	0	****	0	****	0	6
1991	16.6	12	****	****	****	****	****		0	6	****	****	****	****	****	0	0	6
1992	2.8	****	0	0	0	****	0		0	****	0	****	0	0	0	0	0	****
1993	18.8	13	0	****	****	0	0		0	****	****	****	****	****	****	0	0	9
1994	10.3	7	0	0	0	0	0		0	0	****	****	****	****	****	0	0	7
1995	6.1	****	0	****	0	0	0		0	****	0	****	****	0	0	0	0	****
1996	12.3	8	****	0	0	0	0		0	****	****	****	0	****	****	0	0	7
1997	6.1	****	0	****	0	0	0		****	****	0	0	****	0	0	0	0	****
1998	3.0	****	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****
1999	11.9	8	0	0	0	0	****	0	0	****	****	****	****	0	0	****	0	6
2000	7.4	5	0	0	0	****	0	0	0	****	0	****	****	****	****	0	0	****
1990-2000	9.7	73	****	7	****	****	****		****	20	5	13	12	11	9	****	0	52

[†] Rate per 100,000 live births. Note that rates are unstable due to small frequency of occurrence.

Table MM2. Maternal Deaths by Place of Occurrence, Reallocated to Mothers Usual Residence And Shown by Age and Race of Mother Louisiana, 2000

								MATI	ERNAL	AGE			
	TOTAL BY	TOTAL BY			LT								
PARISH	OCCURRENCE	RESIDENCE	RATE+	RACE	15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	5	5	7.4	ALL	0	0	****	****	****	****	0	0	0
	****	****	2.6	WHITE	0	0	0	0	****	0	0	0	0
	****	***	14.1	BLACK	0	0	****	****	****	****	0	0	0
CADDO	****	****	26.0	ALL	0	0	****	0	0	0	0	0	0
	****	***	45.9	BLACK	0	0	****	0	0	0	0	0	0
E. BATON	***	****	16.1	ALL	0	0	0	0	****	0	0	0	0
ROUGE	****	***	30.2	BLACK	0	0	0	0	****	0	0	0	0
JEFFERSON	****	0	0.0	ALL	0	0	0	0	0	0	0	0	0
	****	0	0.0	WHITE	0	0	0	0	0	0	0	0	0
ORLEANS	***	****	13.2	ALL	0	0	0	0	0	****	0	0	0
	****	***	16.5	BLACK	0	0	0	0	0	****	0	0	0
OUACHITA	0	****	42.2	ALL	0	0	0	****	0	0	0	0	0
	0	****	95.4	BLACK	0	0	0	****	0	0	0	0	0
TANGIPAHOA	0	****	61.2	ALL	0	0	0	0	****	0	0	0	0
	0	****	102.0	WHITE	0	0	0	0	****	0	0	0	0

⁺Rate per 100,000 live births. Rates are unstable because of the small number of maternal deaths.

**** in cell indicates count is greater than zero but less than 5.

^{****} refers to counts greater than 0 but less than 5.

INFANT MORTALITY COUNTS AND RATES

In 2000, 603 infants born to Louisiana residents died. This was 15 less than the 618 infants who died in 1999. Louisiana's year 2000 infant mortality rate is 8.9 per 1,000 live births, a decrease of 3% from the 1999 rate of 9.2. The 2000 rate was a 2% decrease from the 1998 rate of 9.1 per 1,000 live births (Figure IM1, Table M1).

To help identify factors that lead to infant deaths, infant mortality is divided into two time periods based on the baby's age at death. Deaths occurring during the first 27 days of life are labeled neonatal deaths; while those occurring from 28 days through 364 days of age are termed postneonatal deaths. In general, neonatal deaths reflect problems with heredity, prenatal development, and the birth process; postneonatal deaths are influenced by environmental factors, such as nutrition, hygiene, and accidents. The distinction between these two periods, however, has been blurred in recent years because of increased survival of premature infants due to advances in neonatology.

A number of different rates are used to describe deaths among children during the first year of life. The most often reported is the *infant mortality rate*, which measures deaths to children under 1 year of age.

Figure IM1. Number of Infant Deaths and Infant
Mortality Rates
Louisiana, 1950-2000

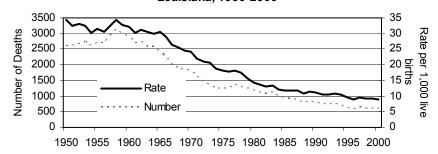
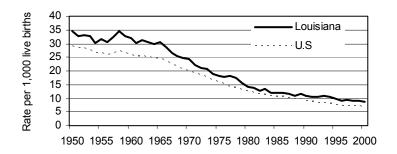


Figure IM2. Infant Mortality Rates Louisiana and United States, 1950-2000



Source: Louisiana State Center for Health Statistics, National Center for Health Statistics: Final data for 2000

Since the mid-1960s, infant mortality rates for both Louisiana and the United States have declined, largely due to advances in the development of antibiotics, infectious disease vaccines, and neonatology. Despite declining rates, Louisiana's infant mortality rate of 8.9 infant deaths per 1,000 live births remained higher than the national rate of 6.9 in 2000 (Figure IM2, Table IM1).

Infant Mortality by Infant Race

Of the 603 infant deaths to Louisiana residents in 2000, 222 (36.8%) occurred among whites, 374 (62.0%) among blacks, and 7 (1.2%) among other races. For almost all measures of infant mortality, black rates were twice those of whites (*Table IM2 on the following page*). This racial difference in mortality rates has existed for many years at both the state and national level.

Table IM1. Number of Infant Deaths and Infant Mortality Rates Louisiana and United States, 1980-2000

•		Louisia	na			United States	i .
Year	Number	Infant Mortality Rate ¹	Neonatal Mortality Rate ²	Postneonatal Mortality Rate ³	Infant Mortality Rate ¹	Neonatal Mortality Rate ²	Postneonatal Mortality Rate ³
1980	1175	14.3	10.0	4.3	12.6	8.5	4.1
1981	1129	13.7	9.2	4.5	11.9	8.0	3.9
1982	1094	12.9	8.4	4.5	11.5	7.7	3.8
1983	1108	13.4	8.9	4.5	11.2	7.3	3.9
1984	984	12.1	8.0	4.1	10.8	7.0	3.8
1985	966	11.9	7.7	4.2	10.6	7.0	3.7
1986	925	11.9	7.7	4.1	10.4	6.7	3.6
1987	870	11.8	7.7	4.1	10.1	6.5	3.6
1988	808	10.9	7.0	4.0	10.0	6.3	3.6
1989	834	11.5	7.3	4.2	9.8	6.2	3.6
1990	796	11.0	6.7	4.4	9.2	5.8	3.4
1991	754	10.5	6.6	3.9	8.9	5.6	3.4
1992	736	10.4	6.6	3.9	8.5	5.4	3.1
1993	752	10.8	6.8	4.0	8.4	5.3	3.1
1994	715	10.5	7.0	3.5	8.0	5.1	2.9
1995	639	9.7	6.4	3.3	7.6	4.9	2.7
1996	586	9.0	5.6	3.4	7.3	4.8	2.5
1997	629	9.5	6.2	3.3	7.2	4.8	2.5
1998	606	9.1	5.9	3.2	7.2	4.8	2.4
1999	618	9.2	5.8	3.4	7.1	4.7	2.3
2000	603	8.9	5.7	3.2	6.9	4.6	2.3

Infant Mortality Rate = deaths to infants under 1 year, per 1,000 live births

Source: Louisiana State Center for Health Statistics

National Center for Health Statistics (Final data for 2000)

Table IM2. Infant Mortality Rates by Age at Death and Infant Race Louisiana, 2000

		Rate⁺	by Age (i	n Days) a	at Death		Combined Rates							
Race	Under 1	1-6	7-13	14-20	21-27	28-364	Hebdomadal ¹	Neonatal ²	Perinatal ³	Infant⁴				
All	3.1	1.3	0.6	0.5	0.3	3.2	4.3	5.7	11.9	8.9				
White	1.9	1.0	0.5	0.3	0.1	2.1	2.9	3.8	9.0	5.9				
Black	4.8	1.7	0.8	0.7	0.5	4.7	6.4	8.5	16.1	13.2				
Other	1.3	0.6	0.0	1.3	0.0	1.3	1.9	3.2	7.6	4.5				

⁺Rate per 1,000 live births in age category

²Neonatal Mortality Rate = deaths to infants under 28 days, per 1,000 live births

³Postneonatal Mortality Rate = deaths to infants between 28 and 364 days, per 1,000 live births

¹Hebdomadal mortality rate = deaths to infants under 7 days, per 1,000 live births

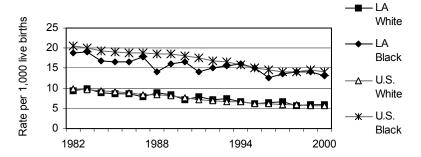
²Neonatal mortality rate = deaths to infants under 28 days, per 1,000 live births

³Perinatal mortality rate = stillbirths + deaths to infants under 7 days, per 1,000 stillbirths + live births

⁴Infant mortality rate = deaths to infants under 1 year, per 1,000 live births

With the exception of 1994 and 1995, Louisiana's black infant mortality rates historically have been lower than the national rates for blacks. Louisiana and United States infant mortality rates among whites historically have been very similar (Figure IM3 and Table IM3).

Figure IM3. Infant Mortality Rates by Race Louisiana and United Sates, 1982-2000



Source: Louisiana State Center for Health Statistics, National Center for Health Statistics (Final data for 2000)

Table IM3.
Infant Mortality Rates, Neonatal Mortality Rates, and Postneonatal Mortality Rates
Louisiana and United States, 1980-2000

-		Infant Mor	tality Rate ¹		N	leonatal M	ortality Rate	e ²	Pos	stneonatal	Mortality Ra	ate ³
	Louis	siana	United	States	Louis	siana	United	States	Louis	siana	United	States
Year	White	Black	White	Black	White	Black	White	Black	White	Black	White	Black
1980	10.5	20.3	10.9	22.2	7.3	14.2	7.4	14.6	3.2	6.1	3.5	7.6
1981	10.2	19.4	10.3	20.8	6.9	13.0	7.0	14.0	3.3	6.4	3.4	6.8
1982	9.4	18.7	9.9	20.5	6.3	11.7	6.7	13.6	3.1	7.0	3.2	6.9
1983	9.8	19.1	9.6	20.0	6.6	12.5	6.3	12.9	3.2	6.6	3.3	7.0
1984	8.9	16.9	9.3	19.2	6.0	11.2	6.1	12.3	2.9	5.7	3.2	6.8
1985	8.6	16.7	9.2	19.0	5.9	10.5	6.0	12.6	2.7	6.2	3.2	6.4
1986	8.6	16.5	8.8	18.9	5.9	10.3	5.7	12.3	2.7	6.2	3.1	6.6
1987	8.0	17.7	8.5	18.8	5.1	11.7	5.4	12.3	2.9	6.0	3.1	6.4
1988	9.0	14.1	8.4	18.5	5.6	9.2	5.3	12.1	3.4	4.9	3.1	6.5
1989	8.5	16.1	8.1	18.6	5.5	10.0	5.1	11.9	3.0	6.1	2.9	6.7
1990	7.2	16.7	7.6	18.0	4.4	10.0	4.8	11.6	2.8	6.7	2.8	6.4
1991	8.0	14.0	7.3	17.6	5.3	8.5	4.5	11.2	2.7	5.5	2.8	6.3
1992	7.3	15.0	6.9	16.8	4.5	9.6	4.3	10.8	2.8	5.4	2.6	6.0
1993	7.4	15.7	6.8	16.5	4.5	10.0	4.3	10.7	2.9	5.7	2.5	5.8
1994	6.7	16.0	6.6	15.8	5.0	11.0	4.2	10.2	1.7	5.0	2.4	5.6
1995	6.1	15.2	6.3	15.1	4.1	10.0	4.1	9.8	2.0	5.2	2.2	5.3
1996	6.5	12.7	6.1	14.7	3.9	8.0	4.0	9.6	2.6	4.7	2.1	5.1
1997	6.8	13.6	6.0	14.2	4.4	8.9	4.0	9.4	2.4	4.7	2.0	4.8
1998	5.8	14.0	6.0	14.3	3.8	9.2	4.0	9.5	2.0	4.8	2.0	4.8
1999	5.9	14.1	5.8	14.6	3.7	9.1	3.9	9.8	2.2	5.1	1.9	4.8
2000	5.9	13.2	5.7	14.1	3.8	8.5	3.8	9.4	2.1	4.7	1.9	4.7

Infant Mortality Rate = deaths to infants under 1 year, per 1,000 live births

Neonatal Mortality Rate = deaths to infants under 28 days, per 1,000 live births

National Center for Health Statistics (Final data for 2000)

³Postneonatal Mortality Rate = deaths to infant between 28 and 364 days, per 1,000 live births

Source: Louisiana State Center for Health Statistics

Infant Mortality by Infant Sex and Race

As in past years, Louisiana's infant mortality rates for males were higher than those for females in the year 2000. Rates for blacks were higher than those for whites. Rates for black males were higher than those for black females and whites of both sexes (Figure IM4, Table IM4).

Figure IM4. Infant Mortality Rates by Infant Sex and Race Louisiana, 1990-2000

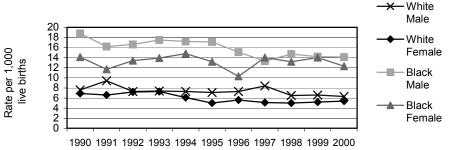


Table IM4.
Infant Mortality Rates⁻ by Infant Sex and Race
Louisiana, 1990-2000

		W	hite //	BI	ack
Year	Total	Male	Female	Male	Female
1990	11.0	7.6	6.9	18.8	14.1
1991	10.5	9.4	6.6	16.2	11.7
1992	10.4	7.3	7.2	16.6	13.4
1993	10.8	7.4	7.3	17.5	13.9
1994	10.5	7.3	6.1	17.2	14.8
1995	9.7	7.1	5.0	17.1	13.2
1996	9.0	7.3	5.6	15.1	10.3
1997	9.5	8.4	5.1	13.3	14.0
1998	9.1	6.5	5.0	14.7	13.2
1999	9.2	6.6	5.2	14.2	14.0
2000	8.9	6.3	5.4	14.1	12.3
		1		1	

^{*}Rate per 1,000 race/sex-specific live births

CAUSES OF INFANT DEATH

Leading Causes of Infant Death

Perinatal conditions, congenital malformations, and sudden infant death syndrome (SIDS) accounted for 47.6%, 22.9%, and 9.1%, respectively, of infant deaths in Louisiana in 2000 (Table IM5). Historically, these have been the leading causes of death among Louisiana's infants (Figure IM5 and Figure IM6 and Table IM6 on page 122). Irrespective of cause of death, 34.7% of all infant deaths (209 deaths) occurred within the first day of life, and

35.5% (214 deaths) occurred between the 28th and 364th day of life (*Table IM8*). Beginning with deaths occurring in 1999, the United States implemented the tenth revision of the International Statistical Classification of Diseases, Injuries, and Causes of Death (ICD-10). The ICD system categorizes causes of death recorded on death certificates into cause-of-death groupings useful for summarizing, describing, and

comparing causes of death throughout the world (see *Technical Notes*).

Figures IM5 and IM6 present two versions of infant mortality rates for 1996, 1997, and 1998. The "filled" pointers for these three years report infant mortality rates as determined under the ninth revision of the International Classification of Diseases (ICD-9), which was used to classify deaths occurring from 1979 through 1998. The "unfilled" pointers report

these same crude death rates after they have been adjusted mathematically to be comparable to the revisions in death coding implemented under ICD-10.

Table IM6 reports both unmodified (i.e.,

ICD-9) and comparability-modified (i.e., adjusted to be comparable to ICD-10) versions of the 1996, 1997, and 1998 infant mortality rates. As is seen in these graphs, the change from ICD-9 to

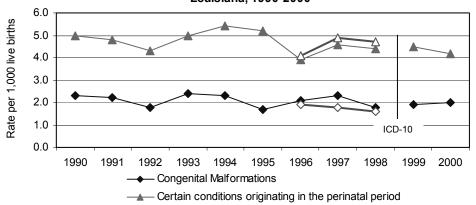
ICD-10 had only a slight impact on the infant mortality rates for Louisiana's leading causes of infant death in 1999 and 2000.

Table IM5. Number of Deaths for Leading Causes of Infant Deaths by Age at Death Louisiana, 2000

	ļ	ys	
Cause of Death (ICD-10 Code)	All Ages	Under 1 day	28 - 364 days
Deaths from all causes	603	209	214
Perinatal conditions (P00-P96)	287	163	17
Short gestation/Low birthweight (P07)	107	84	***
Other newborn respiratory conditions (P23-P28)	39	16	7
Congenital malformations (Q00-Q99)	138	43	40
III-defined conditions (R00-R99)	66	****	58
Sudden infant death syndrome (R95)	55	0	52

^{****} in cell refers to count greater than 0 but less than 5.

Figure IM5. Infant Mortality Rates for Leading Causes of Infant Death Louisiana, 1990-2000



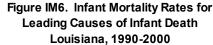
Notes: unfilled symbols (\Diamond and \triangle) represent crude death rates multiplied by a comparability ratio.

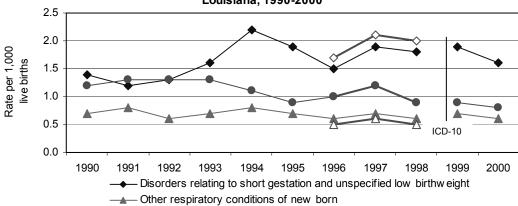
Congenital Malformations: ICD-9 codes in 1979-1998: 740-759
ICD-10 codes in 1999-2000: Q00-Q99

ICD-10 codes in 1999-2000: Q00-Q99 Comparability Ratio = 0.9064

Certain conditions originating in the perinatal period:

ICD-9 codes in 1979-1998: ICD-10 codes in 1999-2000: Comparability Ratio = 1.0581 760-771.2,771.4-779 P00-P96





Sudden infant death syndrome

Notes: unfilled symbols $(\diamondsuit, \triangle,$ and O) represent crude death rates multiplied by a comparability ratio.

Disorders relating to short gestation and unspecified low birthweight:

ICD-9 codes in 1979-1998: 769

ICD-10 codes in 1999-2000: P07

Comparability Ratio = 1.1060

Other respiratory conditions of new born:

ICD-9 codes in 1979-1998:

770

ICD-10 codes in 1999-2000: Comparability Ratio = 0.8455 P23-P28

Sudden infant death syndrome:

ICD-9 codes in 1979-1998: ICD-10 codes in 1999-2000:

798.0 R95

Comparability Ratio = 1.0362

Table IM6. Crude Death Rates⁺ for Leading Causes of Infant Death Louisiana, 1990-2000

	use of Death	1990	1991	1992	1993	1994	1995	1996	1997	1998	Compa- rability		ompara modifie	ed ¹	1999	2000
(ICD-	9 and ICD-10)										Ratio	1996	1997	1998		
Congenital Malfe (740-759) (Q00-		2.3	2.2	1.8	2.4	2.3	1.7	2.1	2.0	1.8	0.9064	1.9	1.8	1.6	1.9	2.0
	All (760-771.2,771.4-779) (P00-P96)	5.0	4.8	4.3	5.0	5.4	5.2	3.9	4.6	4.4	1.0581	4.1	4.9	4.7	4.5	4.2
Perinatal Conditions	Short Gestation/Low Birthweight (765) (P07)	1.4	1.2	1.3	1.6	2.2	1.9	1.5	1.9	1.8	1.1060	1.7	2.1	2.0	1.9	1.6
	Other Newborn Respiratory Conditions (770) (P23-P28)	0.7	0.8	0.6	0.7	0.8	0.7	0.6	0.7	0.6	0.8455	0.5	0.6	0.5	0.7	0.6
III da£a - d	All (780-799) (R00-R99)	1.4	1.5	1.4	1.4	1.2	0.9	1.1	1.3	1.0	1.0245	1.1	1.3	1.0	1.0	1.0
III-defined Conditions	Sudden infant death syndrome (798.0) (R95)	1.2	1.3	1.3	1.3	1.1	0.9	1.0	1.2	0.9	1.0362	1.0	1.2	0.9	0.9	0.8

*Rate per 1,000 live births

¹Rate modified with the comparability ratios

Note: ICD-9 was used from 1990-1998 and ICD-10 was used from 1999-2000

Leading Causes of Infant Death by Race and Infant Sex

For both male and female infants, the mortality rates from perinatal conditions

for blacks were triple those for whites. Infant mortality rates for SIDS were higher among black males than all other race/sex groups (*Table IM7 and IM8*).

Table IM7. Infant Mortality Rates⁻ by Leading Causes of Infant Death by Sex and Race Louisiana, 2000

			Perinatal Condition	S	III-defined Conditions			
Race/Sex	Congenital Malformations (Q00-Q99)	All (P00-P96)	Short Gestation/ Low Birthweight (P07)	Other Newborn Respiratory Conditions (P23-P28)	All (R00-R99)	Sudden Infant Death Syndrome (R95)		
White Male	2.1	2.3	0.8	0.5	0.9	0.7		
White Female	1.8	2.3	0.7	0.3	0.7	0.6		
Black Male	2.2	7.5	2.6	1.1	1.4	1.3		
Black Female	2.2	6.4	2.9	0.6	1.0	0.8		

^{*}Rate per 1,000 live births

Infant Mortality by Selected Causes of Infant Death

Table IM8 gives details of year 2000 counts and rates of infant deaths by causes of death, infant race, and infant sex.

Table IM8.
Infant Death (Exclusive Of Stillbirths) by Selected Causes, Sex, Race, and Age Louisiana, 2000

		Age at Death Days te ⁺ Race Total Under							
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
All Causes	8.888	ALL	603	209	85	43	33	19	214
	623.6	WM	121	36	19	13	5	****	47
	539.4	WF	100	35	18	6	6	****	32
	1413.0	ВМ	202	72	28	12	8	8	74
	1233.0	BF	173	64	19	12	12	7	59
	670.2	OM	5	****	****	0	****	0	****
	244.5	OF	****	****	0	0	***	0	0
Certain infectious and parasitic diseases	25.1	ALL	17	0	0	0	0	0	17
(A00-B99)	5.2	WM	****	0	0	0	0	0	****
	16.2	WF	****	0	0	0	0	0	****
	55.9	BM	8	0	0	0	0	0	8
	35.6	BF	5	0	0	0	0	0	5
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Certain intestinal infectious diseases	1.5	ALL	****	0	0	0	0	0	****
(A00-A08)	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	7.0	ВМ	****	0	0	0	0	0	****
	0.0	BF	0	0	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

0 010 "	D †					Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Septicemia (A40-A41)	11.8	ALL	8	0	0	0	0	0	8
		WM	0	0	0	0	0	0	0
	10.8	WF	****	0	0	0	0	0	****
	14.0		****	0	0	0	0	0	****
	28.5	BF	****	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Viral diseases (A80-B34)	5.9	ALL	****	0	0	0	0	0	****
		WM	****	0	0	0	0	0	****
	0.0	WF	0	0	0	0	0	0	0
	14.0		****	0	0	0	0	0	****
		BF	****	0	0	0	0	0	****
		OM0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV)		ALL	****	0	0	0	0	0	****
Disease (B20-B24)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	****	0	0	0	0	0	****
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Other and unspecified viral diseases		ALL	****	0	0	0	0	0	****
(A81-B00,B02-B04,B06-B19,B25,B27-B34)		WM	****	0	0	0	0	0	****
		WF	0	0	0	0	0	0	0
		BM	****	0	0	0	0	0	****
		BF		0	0	0	0	0	
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Candidiasis (B37)		ALL	****	0	0	0	0	0	****
		WM	0	0	0	0	0	0	0 ****
		WF	****	0	0	0	0	0	****
	14.0			0	0	0	0	0	
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	<u>****</u>
Other and unspecified infectious and		ALL		0	0	0	0	0	
parasitic diseases and their sequelae		WM	0	0	0	0	0	0	0
(A20-A32,A38,A42-A49,A51-A53,A55-A79,		WF	0	0	0	0	0	0	0
B35-B36,B38-B49,B55-B58,B60-B99)		BM		0	0	0	0	0	
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

		Louisi	ana, 2000 	Age at Death Days					
Cause Of Death	Rate⁺	Race	Total	Under					
(ICD-10 Code) Neoplasms (C00-D48)	2.0	Sex ALL	****	1 0	1-6 0	7-13 0	14-20 0	21-27 0	28-364
Neoplasins (Coo-D40)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	0	0	0	0	0	0	0
	14.2		****	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
In situ neoplasms, benign neoplasms and	2.9	ALL	***	0	0	0	0	0	****
neoplasms of uncertain or unknown	0.0	WM	0	0	0	0	0	0	0
behavior (D00-D48)	0.0	WF	0	0	0	0	0	0	0
	0.0	ВМ	0	0	0	0	0	0	0
	14.2	BF	****	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Endocrine, nutritional and metabolic		ALL	5	0	****	0	-	0	****
diseases (E00-E88)		WM	****	0	****	0	0	0	0
	10.8		****	0	****	0	0	0	****
		BM 	****	0	0	0	0	0	****
		BF	0	0	0 ****	0	0	0	0
	134.0			0		0	0	0	0
7/1 1 1 5 5 1 6 1		OF	0	0	0 ****	0		0	
Volume depletion, disorders of fluid,		ALL		0		0	_	0	
electrolyte and acid-base balance		WM WF	0	0	0	0	0	0	0
(E86-E87)		BM	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0
	134.0		****	0	****	0	0	0	0
		OF	0	0	0	0		0	
All other endocrine, nutritional and		ALL	***	0	****	0		0	****
metabolic diseases (E00-E32,E34.0- E34.2,	5.2	WM	****	0	****	0	0	0	0
E34.4-E34.9,E65-E83,E85,E88)	10.8	WF	****	0	****	0	0	0	****
	7.0	вм	****	0	0	0	0	0	****
		BF	0	0	0	0	0	0	0
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Diseases of the nervous system (G00-G98)		ALL0	11	0	0	0	****	0	
		WM	****	0	0	0	0	0	****
	16.2		****	0	0	0	0	0	****
		BM	****	0	0	0	0 ****	0	****
	28.5			0	0	0		0	
		OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

			1110, 2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate [⁺]	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Meningitis (G00,G03)		ALL	****	0	0	0	****	0	****
		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	0	0	0	0	0 ****	0	0
	21.4			0	0	0		0	
		OM OF	0	0	0	0	0	0	0
Infantile spinal muscular atrophy, type I		ALL	****	0	0	0	0	0	****
(Werdnig-Hoffman) (G12.0)		WM	****	0	0	0	0	0	****
	0.0	WF	0	0	0	0	0	0	0
	0.0	BM	0	0	0	0	0	0	0
	0.0	BF	0	0	0	0	0	0	0
	0.0	ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Anoxic brain damage, not elsewhere		ALL	****	0	0	0	0	0	****
Classified (G93.1)		WM	****	0	0	0	0	0	****
	0.0	WF	0	0	0	0	0	0	0
		BM	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
·		OF	0	0	0	0	0	0	0
Other diseases of nervous system		ALL	6 ****	0	0	0	0	0	6
(G04,G06-G11,G12.1-G12.9,G20-G72,		WM	****	0	0	0	0	0	****
G81-G92,G93.0,G93.2-G93.9,G95-G98)	16.2	BM	****	0	0	0	0	0	****
		BF	****	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Diseases of the circulatory system (I00-I99)	13.3	ALL	9	0	****	****	****	0	****
	10.3	WM	****	0	****	0	0	0	****
		WF	0	0	0	0	0	0	0
	35.0		5	0	****	****	***	0	****
	14.2		****	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0		0 ****	0		0	0
Pulmonary heart disease and diseases of		ALL	****	0	****	0	****	0	0
pulmonary circulation (I26-I28)		WM		0		0	0	0	0
	0.0 14.0	WF	0	0	0 ****	0	0 ****	0	0
		BF	0	_	0	0	0	0	0
		ОМ	0	_	0	0	0	0	0
		OF	0	_	0	0	_	0	0
	0.0	Oi .	l 0	U	U	U	U	U	

Cause Of Death (10C-10 Code)							Age at De	eath Days		
Cardiomyopathy (I42) 1.5 ALL 0.0 WM 0.0 WF 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
0.0 WM		1.5		****						
0.0 BM	, , ,			0	0	0	0	0	0	0
7.1 BF		0.0	WF	0	0	0	0	0	0	0
Cerebrovascular diseases (160-169)		0.0	ВМ	0	0	0	0	0	0	0
Cerebrovascular diseases (I60-I69)		7.1	BF	****	0	0	0	0	0	****
Cerebrovascular diseases (160-169)		0.0	OM	0	0	0	0	0	0	0
S		0.0	OF	0	0	0	0	0	0	0
0.0 WF	Cerebrovascular diseases (I60-I69)	1.5	ALL	****	0	0	0	0	0	****
0.0 BM		5.2	WM	****	0	0	0	0	0	****
0.0 BF		0.0	WF	0	0	0	0	0	0	0
All other diseases of circulatory system 5.9 ALL ****** 0 0 0 0 0 0 0		0.0	ВМ	0	0	0	0	0	0	0
All other diseases of circulatory system (100-125,131,134-138,144-145,147-151,170-199) 0.0 WM		0.0	BF	0	0	0	0	0	0	0
All other diseases of circulatory system (100-125,131,134-138,144-145,147-151,170-199) 0.0 WM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0	0	0	0	0	0	0
(I00-I25,I31,I34-I38,I44-I45,I47-I51,I70-I99)					0			0	0	
0.0 WF	All other diseases of circulatory system	5.9	ALL	****	0	****	****	0	0	****
21.0 BM	(100-125,131,134-138,144-145,147-151,170-199)			0	0	0	0	0	0	0
7.1 BF				0	0	-	-	0	0	0
Diseases of the respiratory system 35.4 ALL 24 0 0 0 0 0 0 0 0 0				****	0	****	****	0	0	****
Diseases of the respiratory system 35.4 ALL 24 0 0 0 0 0 0 24				****	-	0	0	-	-	****
Diseases of the respiratory system 35.4 ALL 24 0 0 0 0 0 0 24							-	-		0
(J00-J98) 30.9 WM 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
0.0 WF					-	-	-	-	-	
83.9 BM	(J00-J98)				-	-	_	-	-	
A2.7 BF				_			_	-	-	
Note that the second color of the second col							-	-	-	
Acute upper respiratory infections (J00-J06) 1.5 ALL					_		-	-	-	
Acute upper respiratory infections (J00-J06) 1.5 ALL 5.2 WM **** 0 0 0 0 0 0 0 **** 0.0 WF 0 0 0 0 0 0 0 0 0.0 BM 0 0 0 0 0 0 0 0 0.0 BF 0 0 0 0 0 0 0 0 0.0 OF 0 0 0 0 0 0 0 0 0.0 OF 0 0 0 0 0 0 0 0 Influenza and pneumonia (J10-J18) 17.7 ALL 12 0 0 0 0 0 0 10.3 WM **** 0 0 0 0 0 0 0 0 12 10.3 WM **** 0 0 0 0 0 0 0 0 **** 0 0 0 0 0					_	-	-	-	-	_
5.2 WM	Acute upper recoiretery infections (100, 106)			_						
0.0 WF 0 0 0 0 0 0 0 0 0	Acute upper respiratory infections (300-306)				-	-	-	_	-	
0.0 BM				0		-	-	-	-	0
0.0 BF 0 0 0 0 0 0 0 0 0						-	_	-		
0.0 OM						-	-		-	
0.0 OF 0 0 0 0 0 0 0 0 0					•		0	•	•	
Influenza and pneumonia (J10-J18) 17.7 ALL 10.3 WM 17.7 ALL 12 0 0 0 0 0 0 12 10.3 WM 17.7 ALL 12 0 0 0 0 0 0 0 0 0 0 0 0 0							0			
10.3 WM	Influenza and pneumonia (J10-J18)									
0.0 WF 0 0 0 0 0 0 0 0 55.9 BM 8 0 0 0 0 0 8 14.2 BF **** 0 0 0 0 0 0 ****	imasiza ana prisamonia (616 616)								-	
55.9 BM 8 0 0 0 0 0 8 14.2 BF **** 0 0 0 0 0 ****				0	-	-	-		-	n
14.2 BF **** 0 0 0 0 0 0 ****					-		-		_	
					-	-	-		_	
				0	-	-	-		-	0
0.0 OF 0 0 0 0 0 0					_	-	0	-	-	

			alia, 2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Pneumonia (J12-J18)	17.7	ALL	12	0	0	7-13		0	12
,		WM	****	0	0	0	0	0	***
		WF	0	0	0	0	0	0	0
	55.9	ВМ	8	0	0	0	0	0	8
	14.2	BF	****	0	0	0	0	0	****
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Acute bronchitis and acute bronchiolitis	1.5	ALL	****	0	0	0	0	0	****
(J20-J21)	5.2	WM	****	0	0	0	0	0	****
	0.0	WF	0	0	0	0	0	0	0
	0.0	BM	0	0	0	0	0	0	0
	0.0	BF	0	0	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Asthma (J45-J46)	1.5	ALL	****	0	0	0	0	0	****
	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	7.0	BM	****	0	0	0	0	0	****
	0.0	BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0		0	0		0	0
Other and unspecified diseases of	13.3		9	0	0	0	0	0	9
respiratory system		WM	****	0	0	0	0	0	****
(J22,J30-J39,J43-J44,J47-J68,J70-J98)		WF	0	0	0	0	0	0	0
	21.0		****	0	0	0	0	0	****
	28.5		****	0	0	0	0	0	****
		OM	0	-	0	0	0	0	0
		OF	0	-	0	0	0 ****	0	0
Diseases of the digestive system (K00-K92)	16.2		11	0	0	0		0	10 ****
		WM		0	0	0	0	0	
		WF	0	0	0	0	0	0	0 ****
	21.0			0	0	0	0	0	
	42.7	OM	6		0	0		0	5
		OF	0		0	0	0	0	0
On the thing along the condition and an arrival and the condition			0		0			0	****
Gastritis, duodenitis, and noninfective		ALL	5		0	0	0	0	
enteritis and colitis (K29,K50-K55)		WM	0		0	0	0	0	0
		WF	0	_	0	0	0	0	0 ****
	7.0 28.5	BM	****	0	0	0	0	0	****
		OM	0		0	0	0	0	
		OF	0		0	0	-	0	0
	0.0	UF		U	U	U	U	U	U

	D + +	_	.	ļ		Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate [⁺]	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Hernia of abdominal cavity and intestinal		ALL	****	0	0	0	0	0	****
obstruction without hernia (K40-K46,K56)	5.2	WM	****	0	0	0	0	0	****
		WF	0	0	0	0	0	0	0
		BM	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0
		ОМ	0	0	0	0	0	0	0
		OF	0		0	0	0	0	0
All other and unspecified diseases of		ALL	5	0	0	0	****	0	****
digestive system		WM	****	0	0	0	0	0	****
(K00-K28,K30-K38,K57-K92)		WF	0	0	0	0	0	0	0
	14.0		****	0	0	0	0	0	****
	14.2		****	0	0	0	****	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Diseases of the genitourinary system		ALL	****	0	0	****	0	0	0
(N00-N98)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		ВМ	****	0	0	****	0	0	0
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0 ****	0	0	0
Renal failure and other disorders of kidney		ALL		0	0		0	0	0
(N17-N19,N25,N27)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0 ****	0	0	0
		BM BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Certain conditions originating in the	423.0		287	163	51	23	21	12	17
perinatal period (P00-P96)	226.7		44	103	11	23 6	∠ I ****	****	****
permatar period (1 00-1 00)	226.6		42	24	7	****	5	***	****
	748.3		107	63	19	7	5	5	8
	641.2		90	55	14	8	6	****	****
	402.1		****	****	0	0	****	0	****
	122.2		****	****	0	0	0	0	0
Newborn affected by maternal factors and		ALL	42	33	****	****	****	****	****
by complications of pregnancy, labor and		WM	****	****	****	0	0	0	0
delivery (P00-P04)	32.4		6	5	0	****	0	0	0
	111.9		16		****	****	0	****	0
	121.1		17	13	****	***	****	0	****
	134.0		****	****	0	0	0	0	0
		OF	0	0	0	0	0	0	0

			ana, 2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate [⁺]	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Newborn affected by maternal hypertensive	1.5	ALL	****	0	0	0	****	0	0
disorders (P00.0)	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	****	0	0
	0.0	BM	0	0	0	0	0	0	0
	7.1	BF	****	0	0	0	****	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Newborn affected by maternal	35.4	ALL	24	23	****	0	0	0	0
complications of pregnancy (P01)	5.2	WM	****	0	****	0	0	0	0
	16.2	WF	****	****	0	0	0	0	0
	83.9	BM	12	12	0	0	0	0	0
	57.0	BF	8	8	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Newborn affected by incompetent cervix	8.8	ALL	6	6	0	0	0	0	0
(P01.0)	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	21.0	BM	****	****	0	0	0	0	0
	21.4	BF	****	****	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
		OF	0		0	0		0	0
Newborn affected by premature rupture of	25.1		17	17	0	0	_	0	0
membranes (P01.1)		WM	0	-	0	0	0	0	0
	16.2		****	****	0	0	0	0	0
	62.9		9		0	0	0	0	0
	35.6		5		0	0	0	0	0
		OM	0		0	0	0	0	0
		OF	0	_	0	0		0	0
Newborn affected by other maternal		ALL	****	0	****	0	_	0	0
complications of pregnancy		WM	****	0	****	0	0	0	0
(P01.2-P01.4,P01.6-P01.9)		WF	0	_	0	0	0	0	0
		BM	0	0	0	0	0	0	0
		BF	0		0	0	0	0	0
		OM	0		0	0	_	0	0
		OF	0		0	0	-	0	0
Newborn affected by complications of	20.6		14		****	****	0	0	****
Placenta, cord and membranes (P02)		WM	****	****	0	0	0	0	0
	16.2		****	****	0	****	0	0	0
	14.0		****	****	0	****	0	0	0
	57.0		8	5	****	****	0	0	****
		OM	0	_	0	0	-	0	0
	0.0	OF	0	0	0	0	0	0	0

		Louisi	ana, 2000 I	Age at Death Days					
Cause Of Death	Rate⁺	Race	Total	Under					
(ICD-10 Code)	44.0	Sex	0	1	1-6	7-13	14-20	21-27	28-364
Newborn affected by complications	11.8		8	5 ****	0		0	0	
involving placenta (P02.0-P02.3)	5.2 16.2	WM	****	****	0	0 ****	0	0	0
		BM	0	0	0	0	0	0	0
	28.5		****	****	0	****	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Newborn affected by chorioamnionitis	8.8	ALL	6	****	****	****	0	0	0
(P02.7)	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	14.0	вм	****	****	0	****	0	0	0
	28.5	BF	****	****	****	0	0	0	0
		ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Newborn affected by other complications of	2.9	ALL	****	****	0	0	0	****	0
labor and delivery (P03)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	****	0	0	0	0	****	0
		BF	0	0	0	0	0	0	0
	134.0		****	****	0	0	0	0	0
		OF	0	0	0 ****	0	0	0	0
Newborn affected by noxious influences		ALL		0		0	0	0	0
transmitted via placenta or breast milk		WM	0	0	0	0	0	0	0
(P04)		WF	0	0	0 ****	0	0	0	0
		BM BF	0	_	0	0	0	0	0
		OM	0		0	0	0	0	0
		OF	0		0	0	0	0	0
Disorders related to length of gestation and	160.7		109	85	12	****	****	****	****
fetal malnutrition (P05-P08)		WM	16	9	****	***	***	0	0
	75.5	WF	14	12	****	0	0	0	0
	258.7	ВМ	37	32	****	0	0	****	0
	285.0	BF	40	31	****	****	****	****	****
	134.0	ОМ	****	0	0	0	0	0	****
	122.2	OF	****	****	0	0	0	0	0
Slow fetal growth and fetal malnutrition	2.9	ALL	****	****	0	****	0	0	0
(P05)	5.2	WM	****	0	0	****	0	0	0
	5.4	WF	****	****	0	0	0	0	0
		ВМ	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0
		ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

-		Louisi	ana, 2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate [⁺]	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Disorders related to short gestation and low	157.7	ALL	107	84	12	****	****	****	****
birthweight, not elsewhere classified (P07)	77.3	WM	15	9	****	****	****	0	0
	70.1	WF	13	11	****	0	0	0	0
	258.7		37	32	****	0	0	****	0
	285.0	BF	40	31	****	****	****	****	****
	134.0	OM	****	0	0	0	0	0	****
	122.2	OF	****	****	0	0	0	0	0
Extremely low birthweight or extreme	122.3		83	65	9	****	****	****	****
immaturity (P07.0,P07.2)	56.7	WM	11	6	****	****	****	0	0
	53.9	WF	10	9	****	0	0	0	0
	209.8		30	26	****	0	0	****	0
	220.9	BF	31	23	****	****	0	****	****
		OM	0	0	0	0	0	0	0
	122.2		****	****	0	0	0	0	0
Other low birthweight or preterm	35.4	ALL	24	19	****	0	****	0	****
(P07.1,P07.3)	20.6	WM	****	****	****	0	0	0	0
	16.2	WF	****	****	****	0	0	0	0
	49.0		7	6	****	0	0	0	0
	64.1		9	8	0	0	****	0	0
	134.0		****	0	0	0	0	0	****
		OF	0	0	0	0	0	0	0
Intrauterine hypoxia and birth asphyxia	17.7		12	****	****	****	****	0	****
(P20-P21)		WM	***	0	****	0	****	0	0
		WF	0	0	0	0	0	0	0
	42.0		6 ****	****	****	****	0 ****	0	****
	28.5							0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Intrauterine hypoxia (P20)		ALL	***	0	0	0	****	0	0
		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	0	0	0	0	0	0	0
		BF	***	0	0	0	****	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Birth asphyxia (P21)		ALL	11	****	****	****	****	0	****
		WM	****	0	****	0	****	0	0
		WF	0	0 ****	0	0 ****	0	0	0 ****
	42.0		6 ****	****	****	****	0	0	
	21.4						0	0	0
		OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

-			ana, 2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under	4.0	7.40	44.00	04.07	00.004
Respiratory distress of newborn (P22)	42.7		29	1 12	1-6 11	7-13	14-20	21-27	28-364
respiratory distress of flewborn (1 22)		WM	****	****	0	***	0	0	****
	10.8		****	****	0	0	0	0	0
	104.9		15	5	7	****	0	0	****
	57.0		8	****	****	0	****	0	0
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Other respiratory conditions originating in	57.5	ALL	39	16	9	****	****	0	7
the perinatal period (P23-P28)	46.4	WM	9	****	****	***	0	0	****
	32.4	WF	6	0	****	0	****	0	****
	111.9	BM	16	7	****	****	****	0	****
	57.0	BF	8	5	0	****	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Congenital pneumonia (P23)		ALL	****	0	0	****	****	0	0
		WM	0	0	0	0	0	0	0
		WF	****	0	0	0	****	0	0
		BM	****	0	0	****	0	0	0
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0 ****	0 ****	0	0	0	<u> </u>
Interstitial emphysema and related		ALL	****		****	0	0	0	
conditions originating in the		WM		0		0	0	0	0
perinatal period (P25)		WF	0	0 ****	0	0	0	0	0
	21.0	BF		0	0	0	0	0	
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Pulmonary hemorrhage originating		ALL	5	****	****	****	0	0	0
in the perinatal period (P26)		WM	****	****	0	0	0	0	0
in the permatal period (1 20)		WF	****	0	****	0	0	0	0
	14.0		****	0	****	0	0	0	0
		BF	****	0	0	***	0	0	0
		ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Chronic respiratory disease	10.3	ALL	7	****	0	0	****	0	5
originating in the perinatal period (P27)	10.3	WM	****	****	0	0	0	0	****
	10.8	WF	****	0	0	0	****	0	****
	7.0	ВМ	****	0	0	0	0	0	****
	14.2	BF	****	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

			2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Atelectasis (P28.0-P28.1)	29.5	ALL	20	12	5	***	0	0	****
	25.8	WM	5	****	****	****	0	0	****
	10.8	WF	****	0	****	0	0	0	0
	55.9	ВМ	8	5	****	****	0	0	0
	35.6	BF	5	5	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
All other respiratory conditions originating	1.5	ALL	****	0	0	0	****	0	0
in the perinatal period (P28.2-P28.9)	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	7.0	ВМ	****	0	0	0	****	0	0
	0.0	BF	0	0	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Infections specific to the perinatal period	22.1	ALL	15	****	****	****	5	****	0
(P35-P39)	10.3	WM	****	****	0	****	0	0	0
	16.2	WF	****	****	0	0	****	0	0
	35.0	ВМ	5	0	0	****	****	****	0
	35.6	BF	5	****	****	****	****	****	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Bacterial sepsis of the newborn (P36)	20.6	ALL	14	****	****	****	****	****	0
	10.3	WM	****	****	0	****	0	0	0
	10.8	WF	****	****	0	0	****	0	0
	35.0		5	0	0	****	****	****	0
	35.6		5	****	****	****	****	****	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
All other infections specific to the		ALL	****	0	0	0	****	0	0
perinatal period (P35, P37, P39)		WM	0	0	0	0	0	0	0
		WF	****	0	0	0	****	0	0
		BM	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0
		ОМ	0		0	0	0	0	0
		OF	0		0	0		0	0
Hemorrhagic and hematological disorders		ALL	13	****	6	****	****	****	0
of newborn (P50-P61)		WM	****	****	****	0	***	0	0
	21.6		****	****	****	0	0	****	0
		ВМ	****	0	****	0	0	0	0
	35.6		5	****	****	****	0	0	0
		ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

			ana, 2000 			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Neonatal hemorrhage (P50-P52, P54)	14.7	ALL	10	****	5	0	****	****	0
	15.5		****	****	****	0	****	0	0
	21.6		****	****	****	0	0	****	0
		BM	0	0	0	0	0	0	0
	21.4		****	0	****	0	0	0	0
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Hematological disorders (P60-P61)		ALL	****	****	****	****	0	0	0
		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	****	0	****	0	0	0	0
	14.2		****	****	0	****	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0 ****	0	0	0	0
Syndrome of infant of a diabetic mother and		ALL	****	0	****	0	0	0	0
neonatal diabetes mellitus (P70.0-P70.2)		WM		0		0	0	0	0
		WF	0	0	0	0	0	0	0
		BM BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Necrotizing enterocolitis of newborn (P77)	13.3		9		****	****	****	****	****
Necrotizing enterocolitis of newborn (F77)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
	49.0		7	0	****	0	****	****	****
	14.2		****	0	0	****	****	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Hydrops fetalis not due to hemolytic	7.4	ALL	5	****	0	****	****	****	0
disease (P83.2)	5.2	WM	****	0	0	0	0	***	0
	16.2	WF	****	****	0	****	****	0	0
	7.0	BM	****	****	0	0	0	0	0
		BF	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Other perinatal conditions		ALL	13	6	****	****	****	****	0
(P29, P70.3-P70.9, P71-P76, P78-P81,		WM	****	****	****	****	***	0	0
P83.0-P83.2, P83.3-P83.9, P90-P96)	21.6		****	****	****	0	0	****	0
	21.0		****	****	0	0	0	0	0
		BF	****	0	****	0	0	0	0
	134.0		****	0	0	0		0	0
	0.0	OF	0	0	0	0	0	0	0

			ana, 2000			Age at De	eath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Congenital malformations, deformations	203.4		138		28	17	7	×***	40
and chromosomal abnormalities (Q00-Q99)	206.1		40		6	7	****	0	9
· ·	183.4	WF	34	10	10	***	****	0	9
	223.8	вм	32	8	7	***	****	****	11
	220.9	BF	31	8	5	****	****	****	11
	0.0	ОМ	0	0	0	0	0	0	0
	122.2	OF	****	0	0	0	****	0	0
Anencephaly and similar malformations	7.4	ALL	5	****	****	0	0	0	0
(Q00)	10.3	WM	****	****	****	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	0.0	BM	0	0	0	0	0	0	0
	21.4	BF	****	****	0	0	0	0	0
		OM	0	0	0	0	0	0	0
		OF	0	_	0	0	-	0	0
Congenital hydrocephalus (Q03)		ALL	****	0	****	0	0	0	0
		WM	0		0	0	-	0	0
		WF	0	_	0	0	-	0	0
		ВМ	****	0	****	0	-	0	0
		BF	0	-	0	0	-	0	0
		OM	0	_	0	0	0	0	0
		OF	0	_	0 ****	****	0	0	<u> </u>
Other congenital malformations of		ALL	6				0	0	
nervous system (Q01-Q02, Q04, Q06-Q07)	0.0 16.2	WM	0	-	0 ****	0 ****	0	0	0
		BM	0	0	0	0	0	0	0
	21.4		****	0	****	****	0	0	****
		OM	0		0	0	0	0	0
		OF			0	0	0	0	0
Congenital malformations of heart	59.0		40	_	10	6	5	****	15
(Q20-Q24)	46.4		9		****	****	****	0	****
(420-424)	59.3		11	****	****	****	0	0	5
	83.9		12	0	5	0	****	****	****
	49.9		7	0	0	****	***	0	****
		ОМ	0	0	0	0	0	0	0
	122.2		****	0	0	0	****	0	0
Other congenital malformations of		ALL	9	****	****	****	0	0	****
circulatory system (Q25-Q28)	15.5	WM	****	0	0	***	0	0	****
	16.2	WF	****	****	****	****	0	0	0
	7.0	ВМ	****	****	0	0	0	0	0
	14.2	BF	****	0	****	****	0	0	0
	0.0	ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
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			ana, 2000			Age at De	ath Days		
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Congenital malformations of respiratory	20.6	ALL	14	10	****	0	****	0	****
system (Q30-Q34)	25.8	WM	5	****	****	0	0	0	****
	10.8	WF	****	****	****	0	0	0	0
	28.0	ВМ	****	****	0	0	0	0	0
	21.4		****	****	0	0	****	0	0
		OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Congenital malformations of digestive		ALL	****	0	0	0	0	0	****
system (Q35-Q45)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		ВМ	****	0	0	0	0	0	****
	14.2		****	0	0	0	0	0	****
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Congenital malformations of genitourinary	22.1		15	14	****	0	0	0	0
system (Q50-Q64)	36.1		7	7	0	0	0	0	0
	16.2		****	****	0	0	0	0	0
	14.0		****	****	0	0	0	0	0
	21.4		****	****	****	0	0	0	0
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Congenital malformations and deformations		ALL	6	****	****	0	***	****	****
of musculoskeletal system, limbs and		WM	0	0	0	0	0	0	0
integument (Q65-Q85)	21.6		****	****	****	0	****	0	***
		ВМ	****	0	0	0	0	0	****
		BF	****	0	0	0	0	****	0
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Down's syndrome (Q90)		ALL	****	0	****	0	0	0	****
		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	****	0	0 ****	0	0	0	
		BF OM		0		0	0	0	0
		OF	0	0	0	0	0	0	0
Edward's syndrome (Q91.0-Q91.3)		ALL	0 10	0 ****	0 ****	0 ****	0	0	0 5
Luwaiu's Syllulollie (Q31.0-Q31.3)		WM	****	****	0	0	0	0	0
	21.6		****	0	****	0	0	0	****
	28.0		****	0	****	****	0	0	****
		BF	***	0	0	0	0	0	****
		OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
	0.0	<u> </u>	l	٥	٥	٥	Ū	U	

				Age at Death Days					
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Patau's syndrome (Q91.4-Q91.7)	5.9	ALL	****	. 0	0	****	0	0	****
	10.3	WM	****	0	0	****	0	0	****
	0.0	WF	0	0	0	0	0	0	0
		ВМ	0	0	0	0	0	0	0
	14.2		****	0	0	0	0	0	****
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Other congenital malformations and	29.5	ALL	20	8	****	****	0	0	6
deformations (Q10-Q18,Q86-Q89)	51.5	WM	10	****	****	****	0	0	****
	16.2	WF	****	****	0	0	0	0	0
	28.0	ВМ	****	0	0	****	0	0	****
	21.4	BF	****	****	****	0	0	0	****
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Other chromosomal abnormalities, not	4.4	ALL	****	****	0	****	0	0	****
elsewhere classified (Q92-Q99)	5.2	WM	****	0	0	****	0	0	0
	5.4	WF	****	0	0	0	0	0	****
	7.0	ВМ	****	****	0	0	0	0	0
	0.0	BF	0	0	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Symptoms, signs and abnormal clinical and	97.3	ALL	66	****	0	****	****	****	58
laboratory findings, not elsewhere classified	87.6	WM	17	0	0	0	0	0	17
(R00-R99)	70.1	WF	13	****	0	0	0	0	12
	146.9	BM	21	****	0	****	0	****	18
	99.7	BF	14	0	0	0	****	****	10
	134.0		****	0	0	0	0	0	****
	0.0	OF	0	0	0	0	0	0	0
Sudden infant death syndrome (R95)	81.1	ALL	55	0	0	0	****	****	52
	72.1		14	0	0	0	0	0	14
	59.3	WF	11	0	0	0	0	0	11
	125.9		18	0	0	0	0	****	17
	78.4		11	0	0	0	****	****	9
	134.0		****	0	0	0	0	0	****
	0.0	OF	0	0	0	0	0	0	0
Other symptoms, signs and abnormal	16.2	ALL	11	****	0	****	****	****	6
clinical and laboratory findings, not		WM	****	0	0	0	0	0	****
elsewhere classified	10.8		****	****	0	0	0	0	****
(R00-R53,R55 R94, R96-R99)	21.0		****	****	0	****	0	0	****
	21.4		****	0	0	0	****	****	****
		ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

		Louisi	ana, 2000 	Age at Death Days					
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under	1.0			21-27	20.204
External causes of mortality (V01-Y89)	47.2		32	1 ****	1-6 0	7-13 0	14-20 0	21-2 <i>1</i> ****	28-364 30
,	25.8		5	0	0	0	0	0	5
	16.2		****	0	0	0	0	0	****
	76.9	ВМ	11	0	0	0	0	0	11
	92.6	BF	13	****	0	0	0	****	11
	0.0	ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Accidents (V01-X59,Y85-Y86)	29.5	ALL	20	0	0	0	0	0	20
	10.3	WM	****	0	0	0	0	0	****
	10.8		****	0	0	0	0	0	****
	62.9		9	0	0	0	0	0	9
	49.9		7	0	0	0	0	0	7
		OM	0		0	0	-	0	0
		OF	0		0	0		0	
Transport accidents (V01-V99,Y85)		ALL	5	0	0	0	-	0	5
		WM	****	0	0	0	-	0	****
		WF	****	0	0	0	0	0	****
	21.0			0	0	0	0	0	
		BF	0	0	0	0	0	0	0
		OM OF	0	0	0	0	0	0	0
Motor vehicle accidents (V02- V04, V09.0,		ALL	5	0	0	0		0	5
V09.2,V12-V14,V19.0- V19.2,V19.4-V19.6,		WM	S ****	0	0	0	0	0	5 ****
V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-		WF	****	0	0	0	0	0	****
V82.1,V83-V86,V87.0-V87.8, V88.0-V88.8,	21.0		****	0	0	0		0	****
V89.0,V89.2)		BF	0	0	0	0		0	0
v00.0, v00.2)		ОМ	0	0	0	0		0	0
		OF	0	0	0	0		0	
Accidental suffocation and strangulation in		ALL	***	0	0	0		0	
bed (W75)		WM	0	0	0	0	0	0	0
, ,	0.0	WF	0	0	0	0	0	0	0
	7.0	вм	****	0	0	0	0	0	****
	0.0	BF	0	0	0	0	0	0	0
	0.0	ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0
Other accidental suffocation and	8.8	ALL	6	0	0	0	0	0	6
strangulation (W76-W77,W81-W84)		WM	****	0	0	0	0	0	****
		WF	0	0	0	0	0	0	0
	21.0		****	0	0	0	0	0	****
	14.2		****	0	0	0	0	0	****
		ОМ	0		0	0	-	0	
	0.0	OF	0	0	0	0	0	0	0

_			ana, 2000	Age at Death Days					
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364
Accidental inhalation and ingestion of food	10.3		7	0	0-1	7-13 0	0	0	7
or other objects causing obstruction of		WM	0	0	0	0	0	0	0
respiratory tract (W78-W80)		WF	***	0	0	0	0	0	****
,,		BM	***	0	0	0	0	0	****
	35.6		5	0	0	0	0	0	5
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Accidents caused by exposure to smoke,	1.5	ALL	****	0	0	0	0	0	****
fire and flames (X00-X09)	0.0	WM	0	0	0	0	0	0	0
	0.0	WF	0	0	0	0	0	0	0
	7.0	ВМ	****	0	0	0	0	0	****
	0.0	BF	0	0	0	0	0	0	0
	0.0	OM	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Assault (homicide) (X85-Y09,Y87.1)	13.3		9	****	0	0	0	****	7
	15.5		****	0	0	0	0	0	****
		WF	0	0	0	0	0	0	0
	14.0		****	0	0	0	0	0	****
	28.5		****	****	0	0	0	****	****
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Assault (homicide) by hanging,		ALL	****	0	0	0	0	****	0
strangulation and suffocation (X91)		WM	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0
		BM	0 ****	0	0	0	0	0 ****	0
		BF		0	0	0	0		0
		OM	0	0	0	0	0	0	0
		OF	0 ****	0	0	0	0	0	0 ****
Assault (homicide) by discharge of firearms		ALL		0	0	0	0	0	
(X93-X95)		WM WF	0	0	0	0	0	0	0
		BM	0 ****	0	0	0	0	0	0 ****
	0.0		0	0	0	0	0	0	0
		ОМ	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0
Neglect, abandonment and other	7.4	ALL	5	***	0	0	0	0	****
maltreatment syndromes (Y06-Y07)		WM	****	0	0	0	0	0	****
	0.0	WF	0	0	0	0	0	0	0
		ВМ	0	0	0	0	0	0	0
	21.4		****	****	0	0	0	0	****
		ОМ	0	0	0	0	0	0	0
	0.0	OF	0	0	0	0	0	0	0

				Age at Death Days						
Cause Of Death (ICD-10 Code)	Rate⁺	Race Sex	Total	Under 1	1-6	7-13	14-20	21-27	28-364	
Assault (homicide) by other and unspecified	2.9	ALL	****	0	0	0	0	0	****	
means and their sequelae (X85-X90, X92,	5.2	WM	****	0	0	0	0	0	****	
X96-X99,Y00-Y05,Y08-Y09,Y87.1)	0.0	WF	0	0	0	0	0	0	0	
	7.0	ВМ	****	0	0	0	0	0	****	
	0.0	BF	0	0	0	0	0	0	0	
	0.0	OM	0	0	0	0	0	0	0	
	0.0	OF	0	0	0	0	0	0	0	
Complications of medical and surgical care	1.5	ALL	****	0	0	0	0	0	****	
(Y40-Y84,Y88)	0.0	WM	0	0	0	0	0	0	0	
	0.0	WF	0	0	0	0	0	0	0	
	0.0	ВМ	0	0	0	0	0	0	0	
	7.1	BF	****	0	0	0	0	0	****	
	0.0	OM	0	0	0	0	0	0	0	
	0.0	OF	0	0	0	0	0	0	0	
Other external causes and their sequelae	2.9	ALL	***	0	0	0	0	0	****	
(X60-X84,Y10-Y36,Y87.0,Y87.2,Y89)	0.0	WM	0	0	0	0	0	0	0	
	5.4	WF	***	0	0	0	0	0	****	
	0.0	вм	0	0	0	0	0	0	0	
	7.1	BF	***	0	0	0	0	0	****	
	0.0	ОМ	0	0	0	0	0	0	0	
	0.0	OF	0	0	0	0	0	0	0	

*Rate per 100,000 live births
**** in cell indicates count is greater than 0 and less than 5
Note: Not all selected causes of death are listed in Table IM8 as some of them did not contain any counts. For the full list of selected causes for Table IM8 please refer to the "Technical Notes Section".